

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re U.S. Patent Application of )  
 )  
YOSHIBA *et al.* )  
 )  
Application Number: To Be Assigned )  
 )  
Filed: Concurrently Herewith )  
 )  
For: TRANSGENIC RICE PLANT AND ITS FAMILY WITH )  
 ENVIRONMENTAL STRESS RESISTANT BY PROLINE )  
 ACCUMULATION OF HIGH LEVEL AND ITS )  
 PRODUCTION )

#4  
JP  
4/7/02



Honorable Assistant Commissioner  
for Patents  
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT**

Sir:

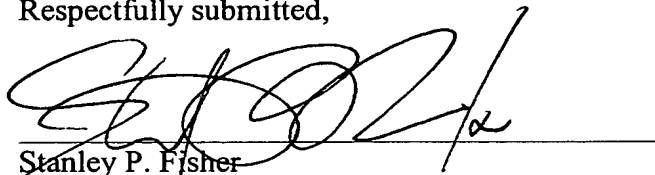
Pursuant to 37 C.F.R. §§ 1.56 and 1.97, this Information Disclosure Statement is submitted in the above-identified patent application. A listing of documents to be published on the face of any patent granted from this application is submitted herewith on Form PTO-1449. Any other documents or information submitted for consideration by the Examiner are listed in this paper. A copy of each U.S. and foreign patent, or each publication or portion thereof listed or herein identified, is submitted herewith.

This Information Disclosure Statement is submitted with the initial application. Accordingly, no fee is due or payable at this time.

The Examiner is requested to acknowledge consideration of the information provided in this paper in accordance with prescribed procedures.

Please charge any additional fees or credit any overpayments in connection with this paper to Deposit Account No. 08-1480.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Stanley P. Fisher', is written over a horizontal line.

Stanley P. Fisher

Registration Number 24,344

**REED SMITH HAZEL & THOMAS LLP**

3110 Fairview Park Drive

Suite 1400

Falls Church, Virginia 22042

(703) 641-4200

**JUAN CARLOS A. MARQUEZ**

Registration No. **34,072**

**December 27, 2001**

Form PTO 1449  U.S. Department of Commerce Patent and Trademark Office  Information Disclosure Statement by Applicant	ATTY. DOCKET NUMBER NITT.0051	SERIAL NUMBER To Be Assigned
	APPLICANT YOSHIBA et al.	
	FILING DATE Concurrently Herewith	GROUP

1503 U.S. PTO  
 10/026767  
 12/27/01

**U.S. Patent Documents**

Examiner Initial	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBC CLASS	FILING DATE

**Foreign Patent Documents**

Examiner Initial	DOCUMENT NUMBER	FILING DATE	COUNTRY	CLAS S	SUB- CLASS	TRANSLATION	
						YES	NO
	09-266726	3/29/96	Japan			Abstract	X

**Other Documents (Including Author, Title, Date Pertinent Pages, Etc.)**

		Yoshu Yoshiba, Tomohiro Kiyosue, Kazuo Nakashima, Kazuko Yamaguchi-Shinozaki and Kazuo Shinozaki, "Regulation of Levels of Proline as an Osmolyte in Plants under Water Stress", Plant Cell Physiol., 38(10): (1997) pp. 1095-1102
		Yoshu Yoshiba, Tomohiro Kiyosue, Takeshi Katagiri, Hiroki Ueda, Tsuyoshi Mizoguchi, , Kazuko Yamaguchi-Shinozaki, Keishiro Wada, Yoshinori Harada and Kazuo Shinozaki, "Correlation between the Induction of a Gene for $\Delta^1$ -Pyrroline-5-Carboxylate Synthetase and the Accumulation of Proline in Arabidopsis Thaliana Under Osmotic Stress", The Plant Journal (1995) 7(5), pp. 751-760
		Yumiko Igarashi, Toshu Yoshiba, Yukika Sanada, Kazuko Yamaguchi-Shinozaki, Keishiro Wada and Kazuo Shinozaki, "Characterization of the Gene for $\Delta^1$ -Pyrroline-5-Carboxylate Synthetase and Correlation between the Expression of the Gene and Salt Tolerance in Oryza sativa L.", Plant Molecular Biology, (1997) pp. 857-865.
		Tomohiro Kiyosue, Yoshu Yoshiba, Kazuko Yamaguchi-Shinozaki and Kazuo Shinozaki, "A Nuclear Gene Encoding Mitochondrial Proline Dehydrogenase, an Enzyme Involved in Proline Metabolism, is Upregulated by Proline but Downregulated by Dehydration in Arabidopsis", The Plant Cell, Vol 8, (August 1996), pp. 1323-1335.
EXAMINER		DATE CONSIDERED

*EXAMINER: Initial if citation is considered, whether or not citation is in conformance with MPEP 609; draw a line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant*